

AMENDMENTS IN THE CLAIMS:

1. (Currently Amended) A two view display for displaying in respective display areas first and second images corresponding to respective views, the display areas being first and second display areas arranged in a horizontal direction and defined as first and second views, comprising:

a display device comprising first pixels and second pixels arranged as rows and columns with said first pixels alternating with said second pixels in said rows and in said columns;

a parallax optic comprising rows and columns of parallax elements, said parallax elements being positioned in relation to at least one of said first pixels and at least one of said second pixels in a same row as and next to said at least one of said first pixels such that light from said first pixels is directed to said first display area by said parallax element and light from said second pixels is directed to said second display area by said parallax element, and an arrangement of said parallax element in said each row being shifted to said parallax element in a next row by half the pitch of said parallax element in a row direction; and

~~with each said parallax element cooperating with at least one of said first pixels and at least one of said second pixels in a same row as and next to said at least one of said first pixels so as to direct light from said first and second pixels to first and second viewing regions, respectively, each said row of said parallax elements being offset in a row direction with respect to each adjacent said row by half a pitch in said row direction of said parallax elements; and~~

a controller for supplying image data for first and second views to said first and second pixels, respectively,

wherein a size of a row direction of said pixels is defined to be larger than a size of a column direction of said pixels so as to increase an angle, which is defined by the size and formed by a first view direction to said display device and a second view direction to said display device.

2. (Original) A display as claimed in claim 1, in which said parallax optic comprises a parallax barrier defining a plurality of slits constituting said parallax elements.
3. (Original) A display as claimed in claim 1, in which said display device comprises a spatial light modulator.
4. (Original) A display as claimed in claim 3, in which said modulator is a light-attenuating modulator.
5. (Original) A display as claimed in claim 4, in which said modulator is a liquid crystal device.
6. (Original) A display as claimed in claim 1, in which said parallax optic is disposed between said display device and said viewing regions and said pitch in said row direction of said parallax elements is sufficiently less than twice a pitch in said row direction of said pixels to provide viewpoint correction.
7. (Original) A display as claimed in claim 1, in which said display device is disposed between said parallax optic and said viewing regions and said pitch in said row direction of said parallax elements is sufficiently greater than twice a pitch in said row direction of said pixels to provide viewpoint correction.
8. (Original) A display as claimed in claim 1, in which said pixels are arranged as sets of red, green and blue pixels forming composite colour pixels.
9. (Original) A display as claimed claim 1, in which said first and second views comprise images which are unrelated to each other.

10. (Original) A display as claimed in claim 1, in which said first and second views comprise a stereoscopic pair.